



- NOTES:**
1. FOR SYMBOL LIST SEE DRAWING T-1.04
  2. FOR MASTER ONLINE DIAGRAM SEE DRAWING E-1.01
  3. FOR RISER DIAGRAM SEE DRAWING E-1.02
  4. FOR GENERATOR ROOM LAYOUT SEE DRAWING E-2.04
  5. PROVIDE LOUVERS FRONT AND REAR WITH VENTILATION FAN IN TRANSFORMER COMPARTMENT. CONNECT FAN TO PANEL "PFR".
  6. AT THE MASTER CONTROL SECTION PROVIDE TERMINATIONS FOR MINIMUM 160 #14 AND 45-2/C #16 TW, SH CABLES FOR MONITORING & CONTROL OF REMOTE AUTOMATIC TRANSFER SWITCHES. SEE RISER DIAGRAM DWG. E1-02 FOR GENERAL ROUTING & LOCATIONS OF WIRING IN LOCAL TERMINAL CABINETS.

Sheet 48 of 108/110

THE PORT AUTHORITY  
OF NY & NJ



ORIGINAL SIGNED & SEALED BY:  
N.Y. P.E. (OR R.A.)

**Joseph R. Loring  
& Associates, Inc.**  
consulting engineers  
One Pennsylvania Plaza  
New York, New York 10001-2045  
Tel: (212) 512-7900, Fax: (212) 512-7902

THE OFFICE OF  
**DANIEL J. LEBOWITZ**  
P.E.  
CONSULTING ENGINEER  
100 WEST STREET, NEW YORK, NY 10006  
TEL: (212) 512-7900 FAX: (212) 512-7902

**LESLIE E. ROBERTSON  
ASSOCIATES, R.L.P.**  
CONSULTING STRUCTURAL ENGINEERS  
200 WEST STREET, NEW YORK, NY 10006  
TEL: (212) 512-7900 FAX: (212) 512-7902

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS, CONSTITUTING A PART OF CONTRACT NO. **WTC-845,071**, IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THIS SAID CONTRACT WAS EXECUTED BY THE PARTIES.  
DATE **11/17/97** *William A. Aslan* **SEAL**  
DATE **11/17/97** *P.K. Loring* **SEAL**  
ENGINEER OF DESIGN


Title  
**STANDBY POWER  
5 WORLD TRADE CENTER  
ELECTRICAL  
GENERATOR SYSTEM  
ONLINE DIAGRAM**

This drawing is subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

DESIGNED BY	DATE	SCALE
F.F.P.	11/17/97	NONE
CHECKED BY	DATE	SCALE
M.A.R.		
CONTRACT NUMBER	WTC-845,071	DRAWING NUMBER
		E1-03

